

ABSTRACT

**[0057]** A multi-channel radio operating with multiple security levels is disclosed. The multi-channel radio includes more than one input/output. Each of the input/outputs corresponds to a security level. The radio also  
5 includes a first common bus coupled to the more than one input/output and a first set of more than one processor coupled to the common bus. Each of the first set of processors corresponds to a security level. Further, the radio includes a second set of more than one processors coupled to the first set of processors and more than one transceiver. Each transceiver is coupled to at  
10 least one of the processors of the first set of processors.